

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: H. Hirano et al.
Filed: Herewith
Title: VOLTAGE DETECTION CIRCUIT, POWER-ON/OFF RESET CIRCUIT, AND SEMICONDUCTOR DEVICE
TC/A.U.:
Examiner:

DIVISIONAL OF:

Appln. No: 10/370,395
Applicant: Hiroshige Hirano et al.
Filed: February 20, 2003
Title: VOLTAGE DETECTION CIRCUIT, POWER-ON/OFF RESET CIRCUIT, AND SEMICONDUCTOR DEVICE
TC/A.U.: 2816
Examiner: Anh Quan Tra
Confirmation No.: 9820
Docket No.: MTS-2101US2

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Under 37 C.F.R. § 1.98(d), copies of the patents and publications listed on the enclosed PTO Form 1449 are not required to be provided, because they were cited by or submitted to the Patent and Trademark Office in prior applications Serial No. 10/370,395, filed

February 20, 2003, Serial No. 09/803,775, filed March 12, 2001, Serial No. 09/198,726, filed November 24, 1998, and Serial No. 08/817,746, filed July 9, 1997, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Allan Ratner, Reg. No. 19,717
Attorney for Applicants

AR/dlm
Enclosure: PTO Form 1449

Dated: March 10, 2004

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Kathleen Libby

FORM PTO-1449 (Rev. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. MTS-2101US3	SERIAL NO. To Be Assigned
	APPLICANT H. Hirano et al.	
	FILING DATE Herewith	GROUP To Be Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,479,172	12/26/95	Smith et al.			
	5,083,045	1/21/92	Yim et al.			
	5,723,990	3/3/98	Roohparvar			
	5,786,716	7/28/98	Honda et al.			
	5,302,861	4/12/94	Jelinek			
	5,243,233	9/7/93	Cliff			
	5,305,275	4/94	Yamashita et al.			
	5,109,257	4/92	Kondo			
	5,721,887	2/98	Nakajima			
	4,545,889	10/85	Franx			
	5,262,705	11/93	Hattori			
	5,629,646	5/97	Menezes et al.			
	4,658,156	4/14/87	Hashimoto			
	6,538,482	3/2003	Hirano et al.			
	4,962,485	10/1990	Kato et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Translation
	6-350423	12/22/94	Japan			
	2-290568	11/30/90	Japan			
	63-261168	10/27/88	Japan			
	7-73057	3/17/95	Japan			
	6-28066	2/4/94	Japan			
	3-280117	12/11/91	Japan			
	2-216598	8/29/90	Japan			
	64-3716	1/9/89	Japan			
	01182757	7/20/89	Japan (English abstract only)			
	0 573 965	12/15/93	EPO			
	59016414	1/27/84	Japan (English abstract only)			
	DE 33210398	9/20/84	Germany			X
	GB 2 216 303	10/4/89	United Kingdom			X
	59-129986	7/26/84	Japan			X
	61-214042	9/22/85	Japan			X
	1-191281	8/1/89	Japan			X
	2-121193	5/9/90	Japan			X
	4-340148	11/26/92	Japan			X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

1.	Japanese language search report International Application PCT/JP96/02295.
2.	English translation of Japanese language search report.
3.	Search report corresponding to application no. EP 96 92 6643 dated 11/5/98.
4.	Supplementary European Search Report corresponding to application no. EP 96 92 6643 dated July 29, 1999.

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.